



Memorandum

To: Provost and Chief Academic Officers

From: Paula Compton, Associate Vice Chancellor, Articulation and Transfer

Date: November 26, 2019

Subject: Updates to Civil/Construction Engineering Technology Transfer Assurance Guide (TAG) Learning Outcomes

Background

The Ohio Articulation and Transfer Network (OATN) sent a request to the Civil/Construction Engineering Technology Transfer Assurance Guide (TAG) Review Panel Lead to determine if any of the Civil/Construction Engineering Technology TAG courses were in need of review. The panel held a discussion and determined that minor updates and clarifications were needed for three of the four TAG courses.

Please share this memo and the attachment to appropriate faculty and administrators at your institution who manage/teach your OET015 Surveying, OET016 Construction Methods and Materials, and OET018 Construction Materials Testing.

Updates

In the attached, you will find the revised TAG learning outcomes for OET015 Surveying, OET016 Construction Methods and Materials, and OET018 Construction Materials Testing. The panel's changes centered on the following aspects:

1. OET015 Surveying – Learning Outcome #3
 - a. Previous learning outcome – Apply basic mathematical relationships and their application to the surveying process.
 - b. Updated learning outcome – Apply basic mathematical relationships in the surveying process
 - c. Rationale: streamlined wording
2. OET016 Construction Methods and Materials – Learning Outcome #1
 - a. Previous learning outcome – Demonstrate basic understanding of architectural blueprints
 - b. Updated learning outcome – Demonstrate a basic understanding of construction drawings
 - c. Rationale: Substitutes “drawings” for “blueprints” since the latter is rather dated language. Substitutes “construction” for “architectural” which contemplates a broader base of disciplines (structural, site/civil, architectural, etc.)

3. OET018 Construction Materials Testing – Learning Outcome #4
 - a. Previous learning outcome – Identify the literature available for the development and testing of construction materials
 - b. Updated learning outcome – Utilize appropriate standards in the testing of construction materials.
 - c. Rationale: It is important that a course in this topical area introduces recognized standards (ASTM, AASHTO, etc.).

Implication to Your Civil/Construction Engineering Technology TAG Courses

Because the spirit of the previous learning outcomes continues to be implemented but better defined in the updated criteria, the TAG Panel members recommended that institutions with courses already approved for OET015, OET016, and OET018 not be required to resubmit for additional validation. The updated learning outcomes will be used for any new submissions beginning with the spring 2020 TAG review cycle, which will begin on March 16, 2020.

I wish to express my thanks for the dedicated work of the Civil/Construction Engineering Technology TAG Faculty Review Panel and for their collaboration in updating the learning outcomes. The faculty members of the Civil/Construction Engineering Technology TAG Review Panel include: Marcia Belcher (Review Panel Lead, University of Akron), Tom Comisford (Central Ohio Technical College), Thomas Burns (Cincinnati State Technical and Community College), Eric Dunn (Sinclair College), Geoffrey Wopershall (Stark State College), James Swanson (University of Cincinnati), and Joe Sanson (Youngstown State University).

If you have any questions, please contact Jessi Spencer at jspencer@highered.ohio.gov or 614-728-4706, or Michelle Blaney at mblaney@highered.ohio.gov or 614-644-9601.

Attachments (1)